

Disable Bluetooth on CentOS / RHEL (Redhat) / Fedora Linux servers - Disable hidd bluetooth devices

Author : admin



Bluetooth protocol on Linux is nice to have (supported) on Linux Desktop systems to allow easy communication with *PDA's, Tablets, Mobiles, Digital Cameras* etc, However many newly purchased dedicated servers comes with Bluetooth support enabled which is a service rarely used, thus it is a good strong server security / sysadmin practice to remove the service supporting Bluetooth (Input Devices) on Linux hosts this is the *hidd* (daemon) service, besides that there are few Linux kernel modules to enable bluetooth support and removing it is also a very recommended practice while configuring new Production servers.

Leaving Bluetooth enabled on Linux just takes up memory space and potentially is a exposing

server to possible security risk (might be hacked) remotely.

Thus earlier I've blogged on [how bluetooth is disabled on Debian / Ubuntu Linux servers](#) an optimization tuning (check) I do on every new server I have to configure, since administrating both RPM and Deb Linux distributions I usually also remove bluetooth *hidd* service support on every CentOS / RHEL / Fedora Linux - redhat (where it is installed), here is how :

1. Disable Bluetooth in CentOS / RHEL Linux

a) First check whether hidd service is running on server:

```
[root@centos ~]# ps aux |grep -i hid
```

...

b) Disable bluetooth services

```
[root@centos ~]# /etc/init.d/hidd stop
```

```
[root@centos ~]# chkconfig hidd off
```

```
[root@centos ~]# chkconfig bluetooth off
```

```
[root@centos ~]# /etc/init.d/bluetooth off
```

c) Disable any left Bluetooth kernel module (drivers), not to load on next server boot

```
[root@centos ~]# echo 'alias net-pf-31 off' >> /etc/modprobe.conf
```

If you don't need or intend to use in future server USBs it is also a good idea to disable USBs as well:

```
[root@centos ~]# lsmod|grep -i hid
usbhid      33292  0
hid         63257  1 usbhid
usbcore     123122  4 usb_storage,usbhid,ehci_hcd
```

```
[root@centos ~]# echo 'usbhid' >> /etc/modprobe.d/blacklist.conf
```

```
/etc/modprobe.d/blacklist.conf
```

```
[root@centos ~]# echo 'hid' >>
```

```
[root@centos ~]# echo 'usbcore' >> /etc/modprobe.d/blacklist.conf
```

2. Disable Bluetooth on Fedora Linux

Execute following:

```
[hipo@fedora ~]# /usr/bin/sudo systemctl stop bluetooth.service
[hipo@fedora ~]# /usr/bin/sudo systemctl disable bluetooth.service
```

3. Disable Bluetooth on Gentoo / Slackware and other Linuces

An alternative way to disable bluetooth that should work across all Linux distributions / versions

is:

```
[root@fedora ~]# su -c 'yum install rfkill'
[root@fedora ~]# su -c 'vi /etc/rc.d/rc.local'
```

Place inside, something like (be careful not to overwrite something, already execution on boot):

```
#!/bin/sh
rfkill block bluetooth
exit 0
```

4. Disable any other unnecessary loaded service on boot time

It is a good idea to also a good idea to **check out your server running daemons, as thoroughly as**

possible and remove any other daemons / kernel modules not being used by server.

To disable all unrequired services, It is useful to **get a list of all enabled services, on RedHat based**

server issue:

```
[root@cento ~]# chkconfig --list |grep "3:on" |awk '{print $1}'
```

...

A common list of services you might want to disable if you're configuring (Linux, Apache, MySQL,

PHP = LAMP) like server is:

```
chkconfig anacron off
chkconfig apmd off
chkconfig atd off
chkconfig autofs off
```

```
chkconfig cpuspeed off
chkconfig cups off
chkconfig cups-config-daemon off
chkconfig gpm off
chkconfig isdn off
chkconfig netfs off
chkconfig nfslock off
chkconfig openibd off
chkconfig pcmcia off
chkconfig portmap off
chkconfig rawdevices off
chkconfig readahead_early off
chkconfig rpcgssd off
chkconfig rpcidmapd off
chkconfig smartd off
chkconfig xfs off
chkconfig ip6tables off
chkconfig avahi-daemon off
chkconfig firstboot off
chkconfig yum-updatesd off
chkconfig mcstrans off
chkconfig pcsd off
chkconfig bluetooth off
chkconfig hidd off
```

In most cases you can just run script like this

- [centos-disable_non-required_essential_services_for_lamp_server.sh](#).

Another useful check the amount of services each of the running server daemons is using, here is

how:

```
ps aux | awk '{print $4"t"$11}' | sort | uniq -c | awk '{print $2" "$1" "$3}' | sort -nr
```

[Output of memory consumption check command is here](#)